

**West Van Buren Water Quality Assurance Revolving Fund (WQARF) Site
Community Advisory Board Meeting**

Tuesday, June 17, 2003

5:30 p.m. to 7:30 p.m.

ADEQ

1110 W. Washington Street, Room 1475

Phoenix, AZ

FINAL MINUTES

Members in attendance:

Terry Davis
Philip Lagas
Charlotte Reyes

Members absent:

Louis Rhodes
Bob McCain

ADEQ Staff in attendance:

Julie Riemenschneider, Project Manager
Kevin Snyder, Hydrologist
Alex Zavala, Community Involvement Coordinator
Monica Mascareno, Community Involvement
Coordinator
Mariajose Lopez, PIOU Intern

Others in attendance:

Chuck Gordon, BE&K/Terranext
Mel Paul
Peggy Eastburn
Francisca Porchas

CIU #04-015

The following matters were discussed, considered, and decided at the meeting:

1. *Welcome and introductions*
Alex Zavala, Community Involvement Coordinator, opened the meeting at 5:35 p.m. by welcoming everyone and introducing herself. All other ADEQ staff, CAB members, and members of the public introduced themselves.
2. *Acceptance or changes to February 11, 2003 minutes*
 - Chuck Gordon found an error on page three,, change....to....
 - Terry Davis made a motion to accept the February 11, 2003 minutes with the correction.
 - Phil Lagas seconded the motion.
 - The February 11, 2003 minutes were accepted with the correction.
3. *Signing of CAB Charter*
Since one of the co-chairs was absent at this meeting, this agenda item was tabled until the next CAB meeting.
4. *Discussion and Possible Voting on CAB Applications*
Alex Zavala provided the CAB with six CAB applications. Three of the six applications were submitted in Spanish. The English translation was added to the back of these applications. After some discussion, the CAB decided to vote on the applications of those who were present at this meeting and table voting on the other applications until the next meeting. The CAB also decided that whether the applicants are present at the next

CAB meeting would be an indication of whether they should be accepted onto the CAB or not. Ms. Peggy Eastburn was the only applicant present at this meeting therefore hers was the only application considered at this meeting.

- Phil Lagas made a motion to accept Ms. Peggy Eastburn onto the WVB CAB.
- Charlotte Reyes seconded the motion.
- Ms. Peggy Eastburn was unanimously accepted to the WVB CAB.

5. *West Van Buren Site Update -ADEQ*

Julie Riemenschneider, Project Manager and Kevin Snyder, Hydrologist

- ALSCo site:
 - < Results of a mass balance analysis of remaining volatile organic compounds (VOCs) in soils and an operation optimization study indicated that soil contamination concentrations are less than groundwater protection levels (GPLs). Therefore, ADEQ staff will consider system shutdown.
 - < Approximately 800 pounds of VOCs have been removed from the soils since system startup in March 2001. Soil vapor concentrations for May 2003 at the system inlet were 2,300 part per billion vapor (ppbv) for tetrachloroethene (PCE), 390 ppbv for trichloroethene (TCE), and 29 ppbv for cis-1,2-dichloroethene (cis-1,2-DCE). Concentrations at the most contaminated well during system startup were PCE at 3,969,400 ppbv, TCE at 14,590 ppbv, and cis-1,2-DCE at 15,510 ppbv. The GPLs for are PCE at 319,100 ppbv, TCE at 159,300 ppbv, and cis-1,2-DCE at 1,799,000 ppbv.
 - < The groundwater pump and treat system continued to be operated during this time period. Approximately 70 pounds of VOCs have been removed from the groundwater and more than 108 million gallons of water have been treated since system startup in March 2001.
 - < Influent groundwater concentrations for March 2003 were PCE at <2.0 micrograms per liter (F g/l) and TCE at 2.5 F g/l. Concentrations at system startup were PCE at 39 F g/l and TCE at 6.4 F g/l. The highest PCE and TCE concentrations detected in groundwater samples collected from ALSCo monitor wells in March 2003 were PCE at 16 F g/l and TCE at 14 F g/l. The highest historical PCE and TCE concentrations detected in groundwater samples collected at ALSCo are 29,000 F g/l for PCE and 750 F g/l for TCE. The Aquifer Water Quality Standard (AWQS) for PCE and TCE is 5.0 F g/l.
 - < The CAB requested that ADEQ provide them with a map the shows the initial contaminant concentrations and the current concentrations in order to better see the areas that have been/are being cleaned up. A map of the original contamination contours and current contours at the source would also be helpful. ADEQ will provide these maps at the next CAB meeting.
- ADEQ received data for the March 2003 groundwater sampling event.

- < Groundwater elevations have risen since sampling in September 2002. During the March 2003 event, only one well could not be sampled as opposed to 12 wells which could not be sampled in September 2002 because they were dry.
- < The VOCs data are similar to previous rounds of sampling.
- < The wells that contained elevated concentrations of total chromium in September 2002 were developed by surging, bailing, and pumping to see if this would affect chromium concentrations.
- < Chromium data collected in March 2003 indicated that chromium concentrations were lower than September 2002 concentrations by up to an order of magnitude. March 2003 groundwater samples from 10 wells contained chromium at concentrations at or above the Aquifer Water Quality Standard (AWQS) of 0.1 milligrams per liter (mg/l) as opposed to 18 wells in September 2002. None of the wells sampled in September or March contained dissolved chromium at concentrations greater than the AWQS.
- ADEQ surveyed wellhead elevations of monitor wells in areas where surveys had not been previously conducted and in the western end of the site to confirm accuracy of groundwater contouring where the groundwater cone of depression is present.
- ADEQ completed nine monitor well installations during May 2003
 - < The wells are located at the following locations:
 - T** One shallow and one deep well at Smith Park (41st Ave. and Sherman Road)
 - T** One shallow and deep well at 55th Ave. and Buchanan Street
 - T** One shallow well at Roosevelt Street east of 51st Ave.
 - T** One shallow well at 43rd Ave. and Gibson Lane
 - T** One shallow well at 21st Ave. and Harrison Street
 - T** One shallow well at Woodland Park (11th Ave. and Van Buren Street)
 - T** One shallow well at 37th Drive and Pierce Street
 - < One proposed well (43rd Ave. and McDowell Road) could not be installed because of access difficulties.
 - < These wells were sampled during the last week of May and first week of June. ADEQ should receive data soon.
- ADEQ collected samples from select Roosevelt Irrigation District (RID) and RID canals during the second week of June. No data is available at this time.
- Reports:
 - < ADEQ received the final copy of the Groundwater Monitor Well Installation Work Plan dated November 2002 from BE&K.
 - < ADEQ received the final copy of the Third Quarter 2002 Water Quality Report dated March 2003 from BE&K.

- < ADEQ received the draft copy of the First Quarter 2003 Water Quality Report dated May 2003.

6. *State Budget Update-ADEQ*

Julie Riemenschneider, ADEQ

- There have been no changes to ADEQ's budget for Fiscal Year 2003.

7. *Call to the public*

- There were no public comments at this time.

8. *New Business/Future Meeting Plans*

- Alex Zavala informed the CAB that she was awarded a Fellowship in Washington, D.C., and therefore as of July 18, 2003 she will no longer be employed with ADEQ. She thanked the CAB for making her two and a half years with ADEQ so memorable and added that she will miss working with everyone on the West Van Buren CAB.
- The next meeting will be held on Tuesday, September 16, 2003 at 5:30 p.m.
- The meeting was adjourned at 7:00 p.m.